VIATION SEPT. 22, 1947 WEEK A MC GRAW-HILL PUBLICATION INCORPORATING AVIATION AND AVIATION NEWS

ANOTHER AID to flying

To assist pilots on cross-country flights, Goodyear is now installing standard CAA direction markers on the roofs of all its numerous plants in the United States. Goodyear is pleased to help extend this much-needed marker program, in appreciation of the high preference among flyers of all types of aircraft for Goodyear tires, tubes, wheels, brakes and other aviation products, Goodyear, Aviation Products Division, Akron 16, Ohio; Los Angeles 54, California.

MORE AIRCRAFT LAND ON GOODYEAR TIRES THAN ON ANY OTHER KIND



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RESISTANCE



GALISSE ENGINEERING



3 BLADED PROP

has 3 PROPerties of equal importance!

When Aviation Form-A-Gasket is freshly applied, close fitting connections are easy to tighten up...all the way!

O ... SEALING

Aviation Form-A-Gasket quickly charges to a tacky paste that nakes assemblies leak-preof to all fash and lubicants used in airplanes. The seal remains plubble . . . connections are cary to adjust or disamenble!

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Aviation Form-A-Gasket prevents corrorisen of all metals used in modern airplane construction... because a film of Aviation Form-A-Gasket seals out all air and moisture!

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8. W. Muren, Jr., Solo Wanayer, M. J. Storg, Nav. Yorky L. J. Red, Phyloddyphys., V. K. Densein, Gloveland J. B. Y. Groon, Deravity, S. E. Mortin, Cherney, W. G. Advanery, Micros. J. W. District, Son Francesco, C. J. McBernalds, Lie Angeler, Other min relification of Francescy, R. Borns and London.



On a place to traffing lower manufacturing costs is in the mechanism of the production has.

High speed work with comme accuracy is definitely

a fanction of New Departure ball bearing

Openang with icas friction and loss wear, the ball bearing is a "assural" for today's exacting manufacturing expansioners

An anvenuence in reachines of modern hall bearing design, is so invenuent in Juster production-lower com

nothing ralls like a ball

NEW DEPARTURE

NEW REPARTURE - Excess of DENELLL HOTORS - EMUTOL, CONH. - Branches in RETROTT, CHICAGO, LOS ANOLLE

AVIATION WEEK, September 22, 1947

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American's new first of BC-6's new fiving

now counting are equipped with the Spenry A-12 double urbanture of countlete non-atabalized and or all fight conditions.

... fer greater flight smoothgess comfort and enjoyment

The A-12 Groupiles climinates over of a place held in appeal flight under all conditions of air turbulence.

...with Satury A-12 Gyraphiat at the controls

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THE AVIATION WEEK

PROBING POLICY... In the dark-wooded and investor Pohes Commission has control public hearran. Behind mercui estenziat bare marked the morress of civilinition."

The committees more of the moment is a line of commerce that was barely enveloped some 20 years ago when the building was created and those words succebed

They testimony has been variations on a themeactions, another separal that proposal contradicts the principle of free enteroiser, but that the enter should second to state these are not enough orthogo-

In mother part of Washinston, another moun, where Policy Commission For they sepresent the uncertifirated careo carrier

BACKS TO WALL-They paint concern is what they will tell this work to the commission. They conended that outlook is not briefly. The certificated corrects' 12-cent per ton mile rate pain the cargo carment' backs against the woll. This is the deeping sture of a but-ditch fieht.

With the forthcoming merger of Slok and California katters, only Shek and Flying Taren will be percent on a harb level of activity

NICE OUESTION-Heating and reading the art lines' statements to the commander, the pointed oreston amount inicide of the stocily survey common on ton mile note is fur below the rate for both passengers

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The achiev communion may not be the only separate of the executificated carro carrier. As Firight Forwarder Association, m a CAB brief, has already

Officially, the Department of Justice is "aware of the

THE RIDGES. They take their case immediately to Across the table, from hilt to sight as the witness son at up E. Palears Heat unders resolvered reblacker member, monounder of most of the technical correting his spectacles as his statching questions necks behind the witson' formal statements, and moment fearcer Arthurt D. Whetende, just sitting and jutening to finantable should be occupied that week by Menry Ford IL.

of the manufacturing industry, with the habtplane procheers leaders of if took descentes of the stration. that internance could not be exception. But the communicen can find a brighter posteriot

WRIGHT'S OUTLOOK...It is in the address Wealt He holds fast to GAA's earlier forecast of a For fold increase by 1955 cour last way's \$0,000 personal

Catch, though, is there must be an improved, cheaper plane. No plane new as production or contranslated price-about 54,900 for a feerplace place with approxi-

Wright states such a plane is a possibility of manabut ble baspess men all over the country, can us no drea in production costs in the office.

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The approach might be different then that of the errors in the Commerce Building Reporter indicated dent's Consumer, sucht be considered, although two

At the close of the first day of rable activity for the two air police boards they found at least one common metting ground-a must diager at the Mindlewer Horal



of Our Shipments made the last 6 months Were Rejected!!

Yes, Mr. Aircreft Executive, we have reduced our minetions to the minimum of less than 1.7%, during the first circumstilla of 1947. We realized that an inctions can cause our outproars untold trouble and smeme. With this is mind, we upseed so canasae in setting up on Inspection Department and Shippise Department second to none. We feel that the could areak for themselves. Out of \$391 A36 65 in chiraments 1000 THAN 64000 00 of these hours been rejected. Such a record is an insurance policy for your propriation

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STANDARD PARTS & EQUIPMENT CORPORATION



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AVIATION WEEK Secondar 22, 2647



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Be RIGHT on the Job with Glengarrie Poplin!



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It neves you money and guarantees that your

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NCORPORATING AVIATION AND AVIATION NEWS



Dr. Hugh L. Devley. (left) being twom in it Director of Armonatical Research prest and at universe at NACA elevational, Depice is noted for his waiting

Airlines Make Plea for **Transport Plane Subsidies**

ATA snokesmen tell President's Air Policy Commission federal-financed fleet of 3,000 to 5,000 transports needed.

By CHARLES ADAMS

AVIATION WIEK. Sectorsher 22, 1947

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Congress Air Group Goes Separate Way

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Skyway 1 Towns Pledge Air **Cooperation to Survey Flyers**

Local aviation interest in new route seen as key to success of proposed network; new skyways would be designated by CAA if plan works

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P.Development Sees - They appear a

A relatively and amount of apportuni adding the official Skyway I reasons in

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Boeing Stratojet Bomber Heralds Transonic Combat

XB-67 features oveptback wing; unique mounting of six G-E jet engines and bicycle landing grar.

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AVIATION WEEK, September 22, 1947

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AVIATION CALENDAR

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AVIATION WEEK, Seatember 22, 1947

INDUSTRY OBSERVER

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P Novy is repointing with Crowse-Vaught on a production contract for 30 FXRUI (Paulte) print/plates.

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► AAP is developing two glidest, one of 4 too and use of 5 too multilliond. The latter will have a component of 17 long, 5 ft 5 m, wide and 5 ft light.

4 HEADLINE NEWS



London Sees New Aircraft Types at Show

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Report by Swiss Air Reflects Line's Growth

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To improve its service in the fature and

Communication Bills Approved By Argentina

DUTINGS AIRES. The Acceptor Secure he expected agaster bills athening in supervision, consider and sponties of

ENGINEERING & PRODUCTION



Further they of Sed Ed, France, new producing the "Longertice," four engine

British Reversing Early Trend **Toward 100 Percent Jet Power**

Gas turbines rejected for reciproceting engines on two specific aircraft; Americans are end of piston

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Talla es Alchever-Airforne congras

Dr Theodou von Krunen, chief of the

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NEW SELF-LOCKING

UNAFFECTED BY GASOLINE .



- The Red Elastic Can and Collar is molded in one piece to prevent LIQUID SEEPAGE!

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Keeping a great Aviation Tradition Alloy

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In the same pioneering splits of these areas foundance of modern winters . . . but with far greater research and experimental factures at their concased ...

AN ANTANCOLLER PLACE OF ATH YEAR IN ALL YORK



Lightplane JATO Seen in Rocket Design

Development of these auxiliary units, suitable for small craft, has reached stare of high reforement. Researchers seek means of further lowering cast.

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for the Stinson

Flying Station Wagon*

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Inherently light, strong, compact, FEATHERtransport of terroreature, pressure, vibratian and shear which frequently cause oil cooler failures. Inquiries concerning PEATHER WEIGHT of coolers are invited. Clifford Manufacturing Company, 561 E. First Street, Boston 27, Metsachusetta, Officer in Chicago Detroit Los Annoles





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Jet Rotors Point to 'Copter Payload Gain

Engineers emphasize larger loads for short duration flights, do not consider operating costs prohibitive. Noise may restrict use in convested areas



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AVIATION SALES & SERVICE

T. P. Wright Sees Price Drop For Personal Planes by 1955

Longrange prediction anticipates five-fold production growth for family aircraft in next eight years despite

By ALEXANDER MOSURELY

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BRIEFING FOR DEALERS AND DISTRIBUTORS

ACITA MOVES-With indications pointing to a membership of above 60,000 in 1947. New external headquarters will be located in the Withmates Buildone, 18th St. and

this tare it is probable that a sumber of the planes about have been modeled ance

they have excluded an uniquely responsible for the fieldsmint on al Cord Are Keenscrobatic fieling is problemed within any real arway or coated none at well as ever without service is respected to promise a number of fight wheels to colorate these sources prochail shop revolvency to Edges non Other successed designs field within 500 if of any service, word, what's restructure is packabled, 1,000 #, monteers fight rule above other, towar and atthe seents has been charmed for a new sequences that places from were used areas must of the arcroft, sombotion are projected when visibility a loss than these pales and than 1.000 ft. show the surface must conterns to some metroment fight rules as

REGIT HAND PATTERNS-CAR's suggested segmented support making play, using

has tangentied to personal place numbershown as "lood for thought". The fixed

AVIATION WEEK, Seatember 22, 1947

FINANCIAL

Atlas Corp. Control of Convair Shows Interesting Implications

Some feel move is attempt to liquidate Convair; more likely move stems from feeling that profit in aircraft industry will rise.

A samber of extractor employees, or loak. Atles semident Floyd Odlam stthe public declaration, the Adia Carp has

hen It held the largest individual antor

Just read attaly which may broch

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THE RUHR-VALLEY OF DECISION

FOR AMERICANS and for American basiness the most important single pot an orthtoday in the Rube Yalley of Germany -a valley no begar in area than the Sate of Blocks blend, Upon recovery in the Rube Mings recovery in Europe. Upon recovery in Europe hinges the paces of the world.

No reachine say run with its most important part maintig, Workern Europe vitable the Nairr is a doub machine. Before the way, over half has command Europe cone from this over hitse willey. Today, the fact is that so other region is composite the total addition and the entry of the ways of the second second second second importing recording. Add, after characted that no supporting recording the second second second Europe for many weeks, I am constand that no was the relation of the Bala.

If you will keep four considerations in mind, as the international politicians gamble, you can easily tail whether the United States is playing its proper role in the rehebilitation of the Role. Here are the four considerations:

I. We are paying for the Rahr rehabilitation (or the lack of it).

II. We alone have the skill and enterprise to supervise its rebuilding.

III. It will be a tough organizing job requiring maney, hard work, and outright sarrifice on the part of management men and technicians.

IV. We had better do it well if we love our children.

We are paying for resulting the Ruhr-or we constaint by the Rivinia now control the Ruhr, its government and its industry. Twy have been -American dallars-a year to bay the food, the Ruhr, The Richal must speed to relate the Ruhr, The Richal must speed American dillars for these supplies letterms the negative transformed to the Ruhr and speed American dillars for these supplies the two the negative transformed to the Ruhr and speed American dillars which these speed for the Ruhr for drawing them out of the \$3,750,000,000 loss which we granted Britain last year.

Now the lean is fast running out. The British lack dollars and other assets. We must take over, directly or indirectly, the dellar expenditures for rebuilding the Bahr. We shall pay for it. Therefore --

We should supervise it. The Brithis have been running the Rahr's ministry. They might concentrally suggest to Washington that they continue to run it while we pay the bill. That use about sever agree to. These is a sound old rule that be who pays the piper shall call the tase.

Perbags we would not need to invoke that rule if the British had done a good job reviving the industries of the Rule. They have done a poor job - playncally and ideologically.

The physical surgarot for constraines and steel mills of the Rabr in recent months was actually analler than at the first of the year. Production of coal amounts to little more than ball of the prevent 12m million tana per year. Rived productions lines along at anostath of the prevent rais—for below the volume permitted even under the present low level of industry plan for Germany.

Recordsolver, the British Lakor Government has tiefs to expose to Gormayo the bened of socialism whath a making much a dubtum record at hence, Tweight Minister Brits-- aukangh be rong zow have milighting a block hind's coal and the second s

Even if the British government were not socialist, there would be good reason for questioning the ability of British to rebabilists the industries of the Rohr. In recent generations, the British menagement class has shown itself mere internated in cartels, restricting output, and ablocating markets, than in full-steam, ingenious enterprising production.

Certainly the British must remain full partzers in the political administration of Germany. No are magnetic arything takes. However, their recent production record decands turning the lob of revisiting the Fahri substrite over to the ration which is paying the bill and which leads the worklin improve them.

If we have my finith in the hutness philosophy by which we have lived and prospered for 110 years, we should demonstrate that that philosophy still is dynamic by taking up the burden of the Rain.

ш

It will be a tough job. It will require men and supplies and maney from the United States. It can not possibly be done in less than five years. A list of source of the necessary steps shows how hard it will be.

A. Plans for socializing the Role should retablered quickly. The tolumities three should remain in trastenshep for five years. Then the Germans thereadves about dockids their ownership, let us hope that by that times we can demontraite to them that private ownership and private initiative incens high peroduction, good distribution and high wages.

B. The top supervising management jobsbelt the top policy and the top technical jobsrequired outstanding beatmost shally. That is why American beatmass men must be willing to go to Germany, marificing comfort and leisure, and even income, if necessary.

C. Germans should take over the management job at the operating level. The Germans are good technicians. They have a greater incentive than argume else for getting the Ruhr back in working order. That incentive should be burnessed.

D. Special effort should near upcoint research three in anothing were with the Robel (or the rest of Barage) that had work will not care be and the should be should be started that should be an effort of the should be should be should be an effort of the should be should be should be should be should be should be requires an encourse inguited and with, as now requires another works for distribution being and consume pools so that the works and any and consume pools so that the works and any southing within a successful ford distribution being and consume pools so that the works and any southing within a successful ford distribution being and southing within a successful for distribution being and southing within a successful ford distribution being and southing within a successful for distribution being and southing within a successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being an end of the successful for distribution being and an end of the successful for distribution being an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being and an end of the successful for distribution being an end of the successful for distribution being an end of t

E. America well have to furnish a good share of these foodstaffs and supplies. Certain key items 1000 to yuz AVIATION WEEK. Sequence 32, 1007 of equipment also will be needed. Only as we succeed to our job can this flow be diminished.

F. A sensible priorities system trust channel Rube cost and such hato thoms unso which, in turn, will further increase output. Repair parter for railroad cura should atom high on the last. Housang, coal equipment and machines tool parts should come aband of the automobiles and parmanent sheel bridges which at times have been accorded preference.

Terms within the finite - pinot is the source and of the source pinot itial casted of the Riche by area future norenging Germann state. As the Perch Naron, the enging Germann state, as the source haves the groune vergoes in the world, but the area would dates exact a wave. These is no sease in which within the Darogen sporre, even Ranto, would show exact it, but the area would show the state of the source state of the data statistic which the size is a state state of a statistic which the size is all the data functions when the is in the Miller state field the Germann when here is the Baller rand the have the Germann when here is the Baller rand the state of the same state is state and the state of the data states is a state of the state the state of the data states is a state of the state state of the data states is a state of the state state of the data states of the data states when here is the Baller rand the state states is a state of the states the state state of the data states when here is the Baller rand the state states is a state of the states the state states of the data states the states the state states the st

This partial list shows how much hard work and statesmanship the United Stetus roust put into the Ruhz. But-

We had better do it if us how our dildren. If we do not do this (b) - if we dowid pull out of Germany or fait there—we kave balant us a vacuum which settine Tithina or Trinnee has the strength or ability to fill. Name has the will may fibereding, the day we full or the day we pull out if the unopposed the power is full that wearants, they done that the out of the day we pull out ing doars to us and outshing to our dildren. What generic heating our second in full fail?

If we succeed, the western means of Germany in conjunction with Belgium and Holland can become self-supporting in three to five years. That way has recovery for all Europe. That way line paces for the weed. That way line winkletion for the American business system in which we believe – the apartern of competitive private entreprose, with freedom for the individual and his initiative.

Mary H. W. haw.

President McGraw-Hill Publishing Company, Inc.

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VIATION WEEK, September 22, 1941

AIR TRANSPORT



* Above Average-Deepde wage gives in

gowind in the symptometric water

Air Transport Industry Wages, Payrolls Climb to New Peaks

Average salary during second quarter of 1947 above figure for U. S. industry generally; about 86,000 persons employed by carriers.

By CHARLES ADAMS

Payod of the U.S. are temport which prev to record rise during the first half of 1945 on new interestinian generations on feeder server helped offset retransformation made by some servers because all larg referen-

Latest residule matches show that U.S. melner, both microsoftware and describe had no near payed of more than 3200, 000,000 in the second quarks of 1940. The second manual solary of an interpret fol 000 employees no show 51002 (1918 01 a week)-assessed to have 51002 (1918 01 a week)-assessed have balled than the second for all U.S. a solative

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AVIATION WEEK, September 22, 1987

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In his new post, Muhlfeld will be educed toritor load at the rangem's U. S mile officer and will be functionally responsible for the development of also within the di-



venue. He will report to Willie G Lege-

conta, lik nol report to Willie G. Lipoconta, vice president in sharps of tendle and,

Apparentment of A Jackson Kelly as support detector for the United Kouplon and Ecotype, with bandquarters in London on also reasonneed by PAA

Other reductly developments

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 EGAC-Is sugarating with Companies Automatics Uniqueps, S. A., (CAUSA) for the sile of its facial focum 314 free boats and its the following Research com.

 Example-During July operated 56,658,838 reserve passenger moles, up 122,940 ever Jam. July autraght new up 49 percent

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EDITORIAL

CAA-CAB-Over Regulation

Avoition industry leaders who appeared below the Prendent's Air Folicy Group but work outlined most of the problems of the infinite. At press times all of the air transport encentres schedeled had not yet appeared below the committions, so that a complete summary of these testanoouv coeff out be completed.

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There is not a benefit of commercial availant anywhere is the United Status that is not being strangled by Fed end ted tope, regulatorea, manzala, ndre and ralings

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"The burden of missite regulation has become so grait that at toris the adulty of the regulating personal to supervise enforcement of the negatition they present pric, and most severaly takes the adulty of these who must operate the air moster, management and employes slike

. "It is far to say that the energies ascendily of detailed inpublics will lead to genter viplance on the part of siz-

lose personnel as he liquit suther than to act with initiators, and good (uniquent: There should be a neoremal of Covernances people with report to the detail of anime operational regulation. It should seek to attack additional responsibility to the an earrors and steek to take the Gevernant from the field of detailed, methodous operational regulations.

"It is, without doubt, fair to say that the United States has a heavier bundless of detailed aviation regulation them new other country in the work).

"It a demandrated that takes forms of interpret-times con be separated by the anagement of equating sequenbility to the care of radius and methods and epicieum, as not be care of radius and mattires consistent Defects in an interpretation-method matching the second sequence of the second second second defects of an interpretation-method second second second second registering regulation."

We hope that the Pendent's committee, and the Corporational air policy body is well, do not become to cognored in theypolicly deliberations of the avanceme philcosphy of astronaticeal power politics that they onelook the mean of Government paper which addition awtops and makes at an deficult to meterfecture sizenfit and to keep them fives.

It tooks to use needs and more as though one survers only be confictence of CAA and CAB. The confision is both agreesis in successing rapidly. Each has bened shaff so completely on so merry policy asitest, that it feels it connot back out with digates, So each modeline or with composates

it may be trase to start over again with a clean slote

Air Marking Moves Ahead

Alse McBerely of Avantone Wann, only news name on a three plane survey fight of the New Skyway No 1, reports strong are marking support of Arisona and Teors communities for the proposed Los Angeles-Washington anney for provide Sport.

Home and Turner, Anz, ende keder showed an demonstration of their support a state wide summaking program in which newspapers, Navaja hadman. Tory Scotts, paratege contractent, service chiba, and forenegic of compariso-Corrent Petroleum, Scotteded Oil of California, Shell Oil and Unice Oil are participating When Aussmalic new common initial proc 25, the

When Ansama's new program stutiad [tene 25, the inter load entry 15 old semi-sites which had been oblivated during Wold Wal 16 researchy. Alaudty 42 mathem have been completed, 54 more are nonunder construction and it is saturated that a total of 140 args will be completed very soon to annuale

every community in the state with 100 or more pepels tore

EF Pass, which before the war had the world's hugget armuches on a entervor, will renew this and other mainless and exhit the upport of other Wart Tenus communities in and near the 40 mile wide Skyway rece muching additional workers, it was pledged at a denser receiving

Future plans call for prohible uncorporation of the Skyway in CAA check, two most flights of private Boos converging at Collaboras Chy from the East and West Casata, is test the Skyway, and preparation of special Skyway 1 guiles showing alignet accommodition and other lacitizes for terrars amount along the wave

This is encouraging news at a time when so many are bewaling the black former of personal aviations

ROBERT H. WOOD





KOYLON Four keeps col-even on Keeplen is person it "benches" (eesh wir wak every context and referes of pressure. What a conduct has it when it's "no been most" [1] a welcome finant whenever people in at alon. Koyloa is suggreof clean, oderless and ventiapoood 12 years of strong on major neilroads prove that Koyloa tides constant hard wans. Providing Koyloa consistent way and ecocentcal as well as percausers. In overy way, it pays a pacify Keyloa Prom.





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